



# VMB 651 – CANCER SYSTEMS BIOLOGY

Tues/Thur 10:00-11:20 AM \* Dryden Hall 104

Spring 2019 \* Lead instructor: Stephen Ramsey

## *A discussion- and journal article-based course*

- single-cell genome/transcriptome sequencing
- cancer sub-typing via the transcriptome / genome
- cross-species 'omics data analysis
- pan-cancer genome analysis
- 'omics-based prediction of response to therapy
- unique challenges and features of a systems biology approach to cancer research



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To enroll, email [stephen.ramsey@oregonstate.edu](mailto:stephen.ramsey@oregonstate.edu)